

United States Environmental Protection Agency
Region II
POLLUTION REPORT

Date: Tuesday, September 29, 2009

From: Geoffrey Garrison, OSC

To: Adalberto Bosque, USEPA 2CEPD-RRB Eric Mosher, USEPA 2ERRD-RPB
Joe Rotola, USEPA 2ERRD-RAB Blanche Gonzalez, EQB
Mark Pane, USEPA 2ERRD-RAB Beckett Grealish, USEPA 2ERRD
Michael Fiore, USEPA OIG

Subject:
Preparation for Controlled Burn of the Confiscated Pyrotechnics
Carolina Pyrotechnics
Easy Storage Mini-Warehouse, Carolina, PR
Latitude: 18.3828000
Longitude: -65.9578000

POLREP No.:	2	Site #:	A226
Reporting Period:	09/19/2009 - 10/8/2009	D.O. #:	DO#19
Start Date:	9/14/2009	Response Authority:	CERCLA
Mob Date:	9/13/2009	Response Type:	Emergency
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	PRC200400430	Contract #	EP-S2-05-01
RCRIS ID #:			

Site Description

See POLREP 1. Update on the quantity of pyrotechnics confiscated by the PRPD: Closer scrutiny of the pyrotechnic material reveals the actual total weight of the 1.3G and 1.4G explosives is approximately 60,000 pounds.

Current Activities

ERRS mobilized crew and equipment to site on Sunday 9/13/09. UXO subcontractor (Level 5 Supervisor) also mobilized on Sunday 9/13/09
NEIE and UXO Supervisor on site for initial entry and site assessment on Monday 09/14/09.

The inventory, content verification, repackaging (if necessary) and repalletizing -process started on 09/15/09 by ERRS (with UXO expert supervision) was completed on the afternoon of 09/21/09. The threat was diminished further by separating the material into four different bays on opposite ends of the building. The ERRS crew demobilized project location on 09/22/09. ERRS subcontracted armed security (2 officers) to guard pyrotechnics 24 hr/day. (NEIE crew remained on island and performed closeout of three other unrelated projects while also on “standby” for the

Carolina Pyrotechnics site. NEIE demobilized from the island on 09/27/09.

As part of the emergency response and planned removal action for the confiscated pyrotechnics from the Carolina Mini-warehouse and the US and Customs and Border Protection (CBP) warehouse, EPA requested a one-time exception for the open burning of approximately 10,000 to 20,000 pounds of 1.4G explosives (consumer fireworks) at the Cantera Master Aggregate (Planta #5), Carr 156 Km 55.5, Barrio Canaboncito, Caguas PR.

The pyrotechnics materials that are neutralized in this manner are not transportable via commercial cargo for disposal in the US mainland. EPA used US Government transportation (hauler provided by US CBP) for the movement to the Cantera Master Aggregate.

As mitigation measures for the neutralization of the pyrotechnics, EPA plans to use the Emergency Response Team (ERT) contractor to conduct air monitoring for PM 2.5 particulates with data-rams, S02 and NOX with the multi-rea's, and conduct air sampling for PAH's and metals. Furthermore, we plan to use the Removal Support Team (RST2) to sample the surface at the burn site pre- and post-burn for PAH's, metals and mercury. The remaining ash will be contained by the Emergency Rapid Response Services (ERRS) and sampled for disposal.

The air monitoring guidance along with the site specific Quality Assurance Action Plan (QAAP) is located in the documents section.

ERRS contractor (NEIE remobilized to the project location on Friday 10/02/09. NEIE published an emergency request for bids to three separate UXO contractors for supervision and operation of the controlled burn of the 743 cases of pyrotechnics totaling 15,650 pounds.

ERRS returned to the storage location in Carolina on Saturday 10/03/09 to remove the materials specified for burning from their present pallets and repalletize for shipment to the quarry.

NEIE receives bids for UXO support and operation at 2 pm on Monday 10/05/09. Awards subcontract same afternoon

UXO subcontractor mobilizes three UXO crew members to the project site on Tuesday 10/06/09.

Planned Removal Actions

Controlled burning of the confiscated pyrotechnics.

Next Steps

Sample and dispose of residue from the controlled burn.

Key Issues

Air monitoring and noise control to avoid impacting surrounding communities.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
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Extramural Costs				
ERRS - Cleanup Contractor	\$250,000.00	\$91,952.75	\$158,047.25	63.22%
Intramural Costs				
Total Site Costs	\$250,000.00	\$91,953.00	\$158,047.00	63.22%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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